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Serial Number: **10/737,378**

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1	US 7085855 B1	20060801	Data transfer control device and electronic equipment	709/253	370/389; 370/391; 370/463; 386/46; 386/67; 709/250; 710/107; 710/33; 710/52; 714/712	Sato; Daisuke et al.
1	US 7083707 B2	20060801	Decomposition apparatus and decomposition method	204/228.6	204/275.1	Miura; Toshihiko et al.
1	US 7068955 B2	20060627	Image forming apparatus having developer amount detector	399/27		Yamamoto; Shinya et al.
1	US 7058320 B2	20060606	Image forming apparatus, cartridge detachably mountable to the image forming apparatus, developer remainder displaying method and system	399/27	399/111; 399/24; 399/25	Yamamoto; Shinya et al.
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1	US 7040298 B2	20060509	Grounding structure of fuel tank	123/509	123/497	Nakamura; Kazuhiro et al.
1	US 7035980	20060425	Effects of prefetching on I/O	711/137	712/207	Kurokawa; Isamu et al.

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1	US 6970310 B2	20051129	Disk control apparatus and its control method	360/31	360/53; 711/114; 714/6	Kawaguchi; Masahiro et al.
1	US 6947442 B1	20050920	Data transfer control device and electronic equipment	370/447	370/462	Sato; Daisuke et al.
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1	US 6934891 B2	20050823	Storage system having trace information fetching structure and method of fetching the same	714/48		Kawaguchi; Masahiro et al.
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			INCLUDING A MEMORY STORING SUCH INFORMATION, AND A CONTROL SYSTEM AND A MEMORY SYSTEM FOR WARNING A USER ABOUT THE DEVELOPER-REMAINING AMOUNT			
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			compressor and method of manufacture			
1	US 6189434 B1	20010220	Single-headed piston type swash-plate-operated compressor and a method of producing a swash plate	92/71	92/155	Kawaguchi; Masahiro et al.
1	US 6183885 B1	20010206	Fitting-type connection terminal	428/647	428/648; 428/929; 439/886	Nakamura; Atsushi et al.
1	US 6164926 A	20001226	Variable displacement compressor	417/222.2	137/51; 137/56	Kawaguchi; Masahiro
1	US 6146107 A	20001114	Variable displacement compressor	417/222.2	417/222.1; 92/12.2	Kawaguchi; Masahiro et al.
1	US 6146106 A	20001114	Electromagnetic valve	417/222.2	251/129.18; 251/61.5	Suitou; Ken et al.
1	US 6144275 A	20001107	Solenoid actuator	335/262	251/129.15	Hirata; Ichiro et al.
1	US 6142745 A	20001107	Piston type variable displacement compressor	417/222.2		Kawaguchi; Masahiro et al.
1	US 6142445 A	20001107	Electromagnetic control valve	251/129.15	251/323	Kawaguchi; Masahiro et al.
1	US 6141510 A	20001031	Toner concentration detecting method and system	399/60		Yamamoto; Shinya
1	US 6135722 A	20001024	Positional relationship of a bearing in the shutoff member of a variable displacement compressor	417/222.2	417/270	Kawaguchi; Masahiro et al.
1	US 6134898 A	20001024	Positive-displacement-type refrigerant	62/193	62/470; 62/84	Umemura; Satoshi et al.

			compressor with a novel oil-separating and lubricating system			
1	US 6126406 A	20001003	Variable displacement compressor	417/222.2		Kawaguchi; Masahiro et al.
1	US 6126405 A	20001003	Undulating current supplying means for the solenoid of a displacement control valve in a variable displacement compressor	417/222.2	417/270; 417/278; 62/228.5	Kawaguchi; Masahiro et al.
1	US 6124342 A	20000926	Pharmaceutical compositions containing pyrylium compounds, pyrylium salts and process for manufacturing a medicament containing the aforesaid compounds	514/432		Okamoto; Tadashi et al.
1	US 6123514 A	20000926	Sealing structure for compressors	417/222.2	277/559; 277/560; 277/564; 277/565	Kawaguchi; Masahiro et al.
1	US 6109883 A	20000829	Coupling construction of compressor housing and method for manufacturing compressor	417/269		Kawaguchi; Masahiro et al.
1	US 6102668 A	20000815	Electromagnetic control valve	417/222.2		Kawaguchi; Masahiro et al.
1	US 6077047 A	20000620	Variable displacement compressor	417/222.1	417/269	Nagai; Hiroyuki et al.
1	US 6076449	20000620	Variable displacement	92/12.2	417/269; 92/57;	Kawaguchi; Masahiro et

	A		compressor		92/71	al.
1	US 6074141 A	20000613	Scroll compressor having grooves for seal members	409/132	29/888.02; 29/888.022; 409/131; 418/55.2; 418/55.4	Ishikawa; Kimihiro et al.
1	US 6065943 A	20000523	Refrigerant compressor having improved drive power transmission unit	417/362	474/94	Suito; Ken et al.
1	US 6062823 A	20000516	Control valve in variable displacement compressor	417/222.2	251/129.02; 251/129.07; 251/129.15	Kawaguchi; Masahiro et al.
1	US 6059538 A	20000509	Control valve for variable displacement compressor	417/222.2	251/337; 251/64	Kawaguchi; Masahiro et al.
1	US 6056513 A	20000502	Variable displacement compressor and method for controlling the same	417/222.1	417/222.2; 417/270	Kawaguchi; Masahiro et al.
1	US 6048178 A	20000411	Compressor	417/222.2	417/269; 417/569	Kawaguchi; Masahiro et al.
1	US 6036447 A	20000314	Control valve having a ground connection for the actuator coil	417/222.2	251/129.02; 251/129.15; 335/28; 439/92	Kawaguchi; Masahiro et al.
1	US 6033189 A	20000307	Control valve	417/222.2	251/129.02; 251/129.15; 335/255; 439/607	Miura; Shintaro et al.
1	US 6024008 A	20000215	Variable displacement compressor, swash plate, and method for hardening swash plate	92/12.2	91/505; 92/71	Kawaguchi; Masahiro et al.
1	US 6022961 A	20000208	Fluorescent stain containing pyrylium salt and fluorescent	536/24.3	435/6; 536/24.31; 536/24.32; 536/24.33;	Yamamoto; Nobuko et al.

			staining method of biological sample		549/13; 549/28; 549/356	
1	US 6010312 A	20000104	Control valve unit with independently operable valve mechanisms for variable displacement compressor	417/222.2		Suitou; Ken et al.
1	US 6004772 A	19991221	Oxygenase expressing microorganism strain JM1 (FERM BP-5352) for degrading organic compounds without an inducer	435/34	210/601; 435/252.1; 435/262; 435/262.5; 435/281; 435/29; 435/308.1; 435/4; 435/821; 435/822; 435/843; 435/975	Imamura; Takeshi et al.
1	US 5987273 A	19991116	Toner concentration detecting method and system	399/58	399/30; 399/62	Yamamoto; Shinya
1	US 5975859 A	19991102	Control valve in variable displacement compressor and its assembling method	417/222.2	417/213	Kawaguchi; Masahiro et al.
1	US 5964578 A	19991012	Control valve in variable displacement compressor	417/222.2		Suitou; Ken et al.
1	US 5939256 A	19990817	Detection of nucleic acid hybrid variation which interacts with double helix or with second reagent through double helix by charge transfer and probe for hybridizing with	435/6	436/501	Yamamoto; Nobuko et al.

			target nucleic acid			
1	US 5920985 A	19990713	Method of manufacturing a movable scroll element	29/888.022	29/558; 418/55.2	Fukanuma; Tetsuhiko et al.
1	US 5906932 A	19990525	Process for soil remediation and apparatus used therefor	435/262.5	210/605; 405/128.5; 435/266; 435/289.1; 435/309.1	Kuriyama; Akira et al.
1	US 5893706 A	19990413	Cooling structure for compressor	417/373	184/104.1; 184/6.17; 184/6.22; 416/60; 417/269; 417/362	Kawaguchi; Masahiro et al.
1	US 5890876 A	19990406	Control valve in variable displacement compressor	417/213	137/907; 251/129.02; 251/61.5; 417/222.2	Suito; Ken et al.
1	US 5882180 A	19990316	Oil mist filter in a variable displacement compressor	417/222.2	417/313; 417/423.9; 92/78	Kawaguchi; Masahiro et al.
1	US 5871337 A	19990216	Swash-plate compressor with leakage passages through the discharge valves of the cylinders	417/222.2	417/269; 417/295; 417/571	Fukanuma; Tetsuhiko et al.
1	US 5865604 A	19990202	Displacement controlling structure for clutchless variable displacement compressor	417/222.2		Kawaguchi; Masahiro et al.
1	US 5853931 A	19981229	Photoreceptor for electrophotography	430/58.05	430/58.4; 430/66	Yamamoto; Shinya
1	US 5842835 A	19981201	Variable displacement compressor and its assembling method	417/222.2	417/270	Kawaguchi; Masahiro et al.
1	US 5842834 A	19981201	Swash plate type compressor employing single-	417/222.2		Kawaguchi; Masahiro et al.

			headed pistons			
1	US 5836748 A	19981117	Swash plate type variable displacement compressor utilizing a spool for controlling the inclination	417/222.2	417/269	Kawaguchi; Masahiro et al.
1	US 5835939 A	19981110	Data transfer control method and apparatus for external storage subsystem adapted to perform erasing after writing	711/113	711/112; 711/114; 711/118; 711/154	Kurokawa; Isamu et al.
1	US 5816134 A	19981006	Compressor piston and piston type compressor	92/154	184/18; 184/6.17; 92/158; 92/159	Takenaka; Kenji et al.
1	US 5807089 A	19980915	Scroll type compressor with a reinforced rotation preventing means	418/55.3		Tsumagari; Yuichi et al.
1	US 5807088 A	19980915	Scroll type compressor with chamfered scroll wall	418/55.2	418/55.4	Fukanuma; Tetsuhiko et al.
1	US 5807076 A	19980915	Lubrication method and lubrication controlling apparatus for clutchless compressor	417/228	184/6.17; 184/6.3; 417/222.2; 417/53; 92/154	Kawaguchi; Masahiro et al.
1	US 5797730 A	19980825	Swash plate type compressor	417/222.2	417/295	Kawaguchi; Masahiro et al.
1	US 5785502 A	19980728	Control apparatus for variable displacement compressor	417/222.2	417/222.1; 417/270	Ota; Masaki et al.
1	US 5770452 A	19980623	Quantitative determination of lipid, and of co-existing two compounds	436/86	436/13; 436/15; 436/164; 436/71; 436/8	Yamamoto; Nobuko et al.

1	US 5762476 A	19980609	Variable capacity single-headed piston refrigerment compressor	417/222.2	417/295	Ota; Masaki et al.
1	US 5755898 A	19980526	Scroll type compressor and method for manufacturing the same	148/439	420/532; 420/534; 420/535	Yamamoto; Shinya et al.
1	US 5753466 A	19980519	Method for recovering DNA from soil	435/91.1	435/259; 435/34; 435/6; 435/9; 536/127; 536/22.1; 536/23.1; 536/25.4	Yano; Tetsuya et al.
1	US 5741122 A	19980421	Variable displacement compressor having a spool with a coating layer	417/222.2		Yokono; Tomohiko et al.
1	US 5713725 A	19980203	Clutchless piston type variable displacement compressor	417/222.2	417/295	Kawaguchi; Masahiro et al.
1	US 5713220 A	19980203	Pile patterning mechanism for circular knitting machine and knitted article knitted by the circular knitting machine	66/106	66/31; 66/9R	Seino; Masahiro et al.
1	US 5711659 A	19980127	Method of manufacturing a movable scroll element and a scroll element produced by the same method	418/55.2	29/888.022	Fukanuma; Tetsuhiko et al.
1	US 5705346 A	19980106	Method for detecting a target nucleic acid by using an interaction of two	435/6	435/810; 436/501; 536/23.1; 536/24.1; 536/24.3;	Okamoto; Tadashi et al.

			kinds of reagents		536/24.31; 536/24.32; 536/24.33	
1	US 5681150 A	19971028	Piston type variable displacement compressor	417/222.2	417/295	Kawaguchi; Masahiro et al.
1	US 5670315 A	19970923	Nucleic acid determination employing pyrylium dye	435/6	435/288.2; 435/288.4; 435/288.5; 435/91.2	Yamamoto; Nobuko et al.
1	US 5641278 A	19970624	Scroll compressor	418/55.2	418/55.1	Tsumagari; Yuichi et al.
1	US 5639223 A	19970617	Compressor with cylindrical cam surface	417/269	74/55; 74/56; 74/567; 74/569	Murakami; Kazuo et al.
1	US 5636973 A	19970610	Crank chamber pressure controlled swash plate compressor with suction passage opening delay during initial load condition	417/222.2	417/298	Sonobe; Masanori et al.
1	US 5634775 A	19970603	Wave cam type compressor	417/269	74/56; 91/502	Murakami; Kazuo et al.
1	US 5624798 A	19970429	Detection method of nucleic acid by use of fluorescent pyrylium stain in intercalation into nucleic acids	435/6	549/13; 549/28; 549/356; 549/424; 8/506	Yamamoto; Nobuko et al.
1	US 5624240 A	19970429	Piston type variable displacement compressor	417/222.2		Kawaguchi; Masahiro et al.
1	US 5616008 A	19970401	Variable displacement compressor	417/222.2		Yokono; Tomohiko et al.
1	US 5603610 A	19970218	Clutchless piston type variable displacement compressor	417/222.2	417/295	Kawaguchi; Masahiro et al.

1	US 5597297 A	19970128	Scroll type compressor	418/55.1	418/151	Yamamoto; Shinya et al.
1	US 5586870 A	19961224	Bearing structure used in a compressor	417/222.2	417/269; 417/270; 417/362; 91/499	Kawaguchi; Masahiro et al.
1	US 5584670 A	19961217	Piston type variable displacement compressor	417/222.2	417/295	Kawaguchi; Masahiro et al.
1	US 5581880 A	19961210	Method for machining scroll member	29/888.022	409/132	Iio; Junichi et al.
1	US 5580228 A	19961203	Scroll compressor having grooves for seal members	418/55.2	29/888.022; 418/142; 418/55.4	Ishikawa; Kimihiro et al.
1	US 5577894 A	19961126	Piston type variable displacement compressor	417/222.2	417/295	Kawaguchi; Masahiro et al.
1	US 5575635 A	19961119	Scroll compressor having eccentric shaft lubrication	418/55.5	418/100; 418/55.6	Yamamoto; Yuuji et al.
1	US 5568386 A	19961022	Automated correction control system and method for characteristics of throttle position sensor	701/51	123/361; 477/121	Sugiura; Masayuki et al.
1	US 5562426 A	19961008	Scroll type refrigerant compressor	417/310	417/295; 417/440	Watanabe; Yasushi et al.
1	US 5547346 A	19960820	Variable displacement compressor	417/222.2	92/12.2	Kanzaki; Shigeki et al.
1	US 5545521 A	19960813	Method for detecting bioindividuals by use of nonnatural type nucleic acid probe	435/5	435/6; 435/91.1; 436/164; 436/172; 436/800; 436/94; 536/23.1; 536/23.7; 536/23.72; 536/23.74;	Okamoto; Tadashi et al.

					536/24.32	
1	US 5545020 A	19960813	Scroll type compressor with spiral seals	418/55.4	418/55.2; 418/55.3	Fukanuma; Tetsuhiko et al.
1	US 5529461 A	19960625	Piston type variable displacement compressor	417/222.2	417/269	Kawaguchi; Masahiro et al.
1	US 5525403 A	19960611	Thermal transfer printing medium	428/32.79	428/209; 428/913; 428/914; 503/204; 503/226	Kawabata; Hitomi et al.
1	US 5505809 A	19960409	Method of preparing a plurality of ceramic green sheets having conductor films thereon	156/264	156/261; 156/89.12; 264/153; 29/25.42; 361/321.2	Yamamoto; Shinya et al.
1	US 5501584 A	19960326	Scroll type compressor having a passage from the suction chamber to a compression pocket	418/15	418/55.1; 418/55.2	Yamamoto; Shinya et al.
1	US 5498140 A	19960312	Variable displacement compressor	417/199.1	417/222.1; 417/272; 417/310; 92/12.2	Kawaguchi; Masahiro et al.
1	US 5491093 A	19960213	Quantitative determination of lipid, and of co- existing two compounds	436/71	436/164; 436/166	Yamamoto; Nobuko et al.
1	US 5478223 A	19951226	Scroll type compressor having reaction force transmission and rotation prevention for the moveable scroll	418/55.3	418/55.6; 464/102	Yamamoto; Shinya et al.
1	US 5477773 A	19951226	Wave plate type compressor	92/71	417/269; 74/60; 92/138	Murakami; Kazuo et al.
1	US	19951205	Abrasion resistant	428/143	428/148;	Sato;

	5472770 A		pattern		428/149; 428/150; 428/207; 428/217; 428/325; 428/330; 428/331; 428/402; 428/908.8	Daisuke et al.
1	US 5452647 A	19950926	Wave plate type compressor	92/71	74/56; 74/57	Murakami; Kazuo et al.
1	US 5437746 A	19950801	Aluminum alloy sheet for discs having good platability	148/439	148/415; 148/417; 148/418; 148/440; 148/523; 148/551; 148/552; 148/691; 148/692; 148/695; 420/532; 420/533; 420/541; 420/547; 420/550; 428/650; 428/652; 428/687; 428/928	Usui; Eiki et al.
1	US 5437543 A	19950801	Scroll type refrigerant compressor with means for improving airtight sealing of compression chambers	418/55.5	418/151; 418/57	Goto; Kunifumi et al.
1	US 5427513 A	19950627	Scroll type compressor having a displaced discharge port	418/55.2	418/142; 418/55.4	Yamada; Kiyohiro et al.
1	US 5419690 A	19950530	Scroll type refrigerant compressor with	418/55.1	418/178; 418/179; 418/55.2	Goto; Kunifumi et al.

			means for preventing mechanical crack of the housing			
1	US 5389453 A	19950214	Aluminum alloy material having a surface of excellent zinc phosphate processability	428/639	205/213; 427/406; 427/427; 427/436; 427/437; 428/614; 428/650; 428/658	Toyose; Kikurou et al.
1	US 5387091 A	19950207	Variable capacity type swash plate compressor	417/222.2	92/12.2	Kawaguchi; Masahiro et al.
1	US 5382139 A	19950117	Guiding mechanism for reciprocating piston of piston type compressor	417/269	91/499	Kawaguchi; Masahiro et al.
1	US 5366357 A	19941122	Scroll type compressor having a counterweight mounted with a clearance on a driveshaft	418/55.1	418/151; 418/55.5; 418/55.6; 418/57	Fukanuma; Tetsuhiko et al.
1	US 5244516 A	19930914	Aluminum alloy plate for discs with improved platability and process for producing the same	148/551	148/439; 148/552; 148/691; 428/846.7	Kawaguchi; Masahiro
1	US D323987 S	19920218	Container	D9/418		Yamamoto; Shinya et al.
1	US 5032060 A	19910716	Continuously variable capacity swash plate type refrigerant compressor	417/222.1	417/269	Kobayashi; Hisao et al.
1	US 4969957 A	19901113	Method of producing a mechanical component with superior fatigue	148/547	148/548; 148/653	Ohsaki; Shigemi et al.

			strength			
1	US 4889229 A	19891226	Cassette for storing a plurality of electronic component chips	206/723	220/350; 221/285; 221/306; 29/740; 29/809	Yamamoto; Shinya et al.
1	US 4846345 A	19890711	Cassette storing a plurality of electronic component chips including means for securing the cassette to a hopper	206/701	221/174; 221/186; 221/285; 221/306; 29/740	Hamuro; Mitsuro et al.
1	US 4844703 A	19890704	Variable displacement vane compressor	417/295	417/12; 417/310	Watanabe; Yasushi et al.
1	US 4842490 A	19890627	Variable displacement vane compressor	417/295	417/310	Watanabe; Yasushi et al.
1	US 4838740 A	19890613	Variable displacement vane compressor	417/295	417/310	Watanabe; Yasushi et al.
1	US 4808083 A	19890228	Variable capacity type vane compressor	417/295	417/310	Watanabe; Yasushi et al.
1	US 4764496 A	19880816	Thermal transfer recording medium having an improved hot-sticking resistance	503/227	427/256; 428/209; 428/32.64; 428/333; 428/698; 428/702; 428/704; 428/913; 428/914; 8/471	Narui; Hiroshi et al.
1	US 4631112 A	19861223	Surface-treated aluminum alloy substrates for magnetic disks	216/101	205/223; 216/22; 252/79.2	Usui; Eiki et al.